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A Directory of Federal R&D Agencies' Programs to Attract Women, Minorities, and the Physically Handicapped to Careers in Science and Engineering

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NATIONAL SCIENCE FOUNDATION

1985

WASHINGTON, D.C. 20550

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A DIRECTORY OF FEDERAL R&D AGENCIES' SCIENCE AND ENGINEERING PROGRAMS FOR WOMEN, MINORITIES AND PHYSICALLY HANDICAPPED PERSONS

On February 27, 1985 Dr. George A. Keyworth, the President's Science Advisor and Director of the White House Office of Science and Technology Policy, asked the Director of the National Science Foundation, Mr. Erich Bloch, to prepare a directory of Federal programs that aim to attract women, minorities and physically handicapped persons into science and engineering careers. The President's Science Advisor was interested in developing a central source of information about such programs. In addition, he was concerned about the need to assure that a continuing pool of talented individuals would be available to help the nation maintain its technological leadership.

At the same time, Dr. Keyworth asked Federal R&D agencies (the members of the Federal Coordinating Council for Science, Engineering and Technology) to provide information to the NSF Director on their programs of this type.

These agencies responded to the National Science Foundation Director's request by providing information on a broad range of programs designed to attract women, minorities and physically handicapped persons into science and engineering careers.

The programs listed in this directory do not include all Federal agency programs aimed at women, minorities and the physically handicapped. In addition, these programs represent a small proportion of the range of Federal programs aimed at attracting individuals into science and engineering careers. It should also be noted that some programs are listed in this directory because the program officers make an effort to attract underrepresented groups into science and engineering careers even though the programs are not specifically designed for that purpose.

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NOTE

National Science Foundation has TDD (Telephonic Device for the Deaf) capability which enables individuals with hearing impairments to communicate with the Division of Personnel Management for information relating to NSF programs, employment, or general information. This number is (202) 357-7492.

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THE WHITE HOUSE

WASHINGTON

February 27, 1985

Dear Erich:

It has come to my attention that while all Federal R&D agencies have programs aimed at attracting women, minorites, and the physically handicapped into R&D careers, the information on these programs is not centralized. It would be extremely helpful if NSF could contact the appropriate agencies and compile a guide to such programs within the Federal government. The guide would not replace the more detailed publications now issued by the agencies, but would be a directory of programs and points of contact. The NSF Committee on Equal Opportunities in Science and Technology has strongly recommended this action.

I am asking all agencies with R&D functions to cooperate with you in this matter. Thank you for your help.

Yours truly,

G. A. Keyworth
Science Advisor to the President

Mr. Erich Bloch
Director
National Science Foundation
Washington, D.C. 20550

THE WHITE HOUSE

WASHINGTON

February 27, 1985

MEMORANDUM FOR FEDERAL COORDINATING COUNCIL FOR SCIENCE, ENGINEERING, AND TECHNOLOGY

FROM: G. A. KEYWORTH

SUBJECT: Scientific and Technical Talent

A major concern facing our country today is how to retain a position of technological leadership in a world environment that is becoming increasingly competitive. This Administration has focused from the beginning on the development of scientific and technical talent as a way to assure continuation of that leadership. Talent is our major asset, and nurturing that talent is an appropriate Federal responsibility.

In our search for and support of talent, we need to include all segments of the population. It is essential that we attract the best young minds into science and technology. We must be sensitive to the inclusion within the talent pool of those who have traditionally been underutilized; specifically women, minorities, and the physically disabled.

At present all agencies with R&D functions have programs directed toward improving career opportunities in science and technology for women, minorities, and handicapped people. One problem we have is that no single source of information exists within the Federal government for such programs. To remedy this situation I have asked the National Science Foundation to contact your agency as part of an effort to compile this information. We must make the information readily and widely available if it is to have a significant impact. Your cooperation in this matter is greatly appreciated.

DEPARTMENT OF ENERGY

NAME OF AGENCY:

Department of Energy

NAME OF PROGRAM:
Pre-Freshman Engineering Program
Division of University and Industry Programs

ADDRESS:

Room 3F-077
Forrestal Building
1000 Independence Avenue, S.W.
Washington, D.C. 20585

CONTACT PERSON:

John Ortman

TELEPHONE NUMBER:

(202) 252-1634

ELIGIBILITY REQUIREMENTS:

This program provides funds to colleges and universities for projects aimed at attracting minority and women junior high school and high school students to pre-engineering enrichment studies. The aim is to give students in grades 7-12 a positive experience before they select science and mathematics courses related to college. These projects run for a minimum of five weeks in the summer. Proposals are accepted from U.S. colleges and universities. The maximum award provided is $20,000; the average award size has been $14,000.

FY 1985 AWARDS (NUMBER AND SIZE):

20 awards were made. (The range was $13,000 minimum—$14,500 maximum) $300,000 is available for the program in 1985.

NUMBER OF FY 1984 AWARDS:

14 awards were made ranging from $13,000 to $14,000 each. $200,000 was available in FY 1984.
There were 1500 participants in the FY 1984 program.

DEADLINE FOR APPLICATION:
October of each year.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NAME OF AGENCY:

National Aeronautics and Space Administration

NAME OF PROGRAM:

Summer Faculty Fellowships

ADDRESS:

Educational Affairs Division, Code LE
National Aeronautics and Space Administration
Washington, D.C. 20546

CONTACT PERSON:

Frank C. Owens, Deputy Director

TELEPHONE NUMBER:

(202) 453-8344

ELIGIBILITY REQUIREMENTS:

Awards are made to science and engineering faculty members for summer research. Faculty members get an opportunity to work with their professional peers on research at NASA centers. Short courses, workshops and seminars are featured at NASA centers during these summer fellowships.

The program lasts for ten weeks. Fellows conduct projects of mutual interest to themselves and to the NASA center.

The American Society for Engineering Education supervises this program.

FY 1985 AWARDS (NUMBER AND SIZE):

300 awards will be made at a rate of $650 per week to the Fellow. A travel allowance will also be paid to the Fellow.

NUMBER OF FY 1984 AWARDS:

300 awards were made at a rate of $650 per week. In addition, travel allowances were paid to the Fellows.

DEADLINE FOR APPLICATION:

February of each year.

NAME OF AGENCY:

National Aeronautics and Space Administration

NAME OF PROGRAM:

Graduate Student Researchers Program

ADDRESS:

Educational Affairs Division, Code LE
National Aeronautics and Space Administration
Washington, D.C. 20546

CONTACT PERSON:

Frank C. Owens, Deputy Director

TELEPHONE NUMBER:

(202) 453-8344

ELIGIBILITY REQUIREMENTS:

A student's faculty advisor submits a proposal in a research area identified by one of the NASA field centers. Once the proposal is selected, a graduate student in aerospace science and technology conducts his/her thesis research at the NASA center.

The students who participate in the program must be U.S. citizens.

The awards are made for a one year period but are renewable annually, based on the student's performance.

The basic stipend is $12,000 per year. An additional $3,000 student allowance is available to partially defray living expenses if the student qualifies for the allowance.

Funds are available, up to a maximum of $3,000, for travel by the student's advisor when they need to supervise the student's research.

FY 1985 AWARDS:

200 awards were made.

NUMBER OF FY 1984 AWARDS:

120 awards were made.

DEADLINE FOR APPLICATION:

February of each year.

NAME OF AGENCY:

National Aeronautics and Space Administration

NAME OF PROGRAM:

National Research Council Resident Research Associateship Program

ADDRESS:

Educational Affairs Division, Code LE
National Aeronautics and Space Administration
Washington, D.C. 20546

CONTACT PERSON:

Frank C. Owens, Deputy Director

TELEPHONE NUMBER:

(202) 453-8344

ELIGIBILITY REQUIREMENTS:

Under this program, a postdoctoral and senior postdoctoral scientist or engineer gets an opportunity to do research on problems which he or she selects. The research relates to one of the program areas of the laboratory where he or she wishes to do work.

The appointments are made for one year.

FY 1985 AWARDS (NUMBER AND SIZE):

203.1 Full Time Equivalent positions are expected to be provided.

NUMBER OF FY 1984 AWARDS:

176.41 Full Time Equivalent positions were provided. Under this program, some individuals participate for part of a year; all of the time spent by individual Associates on the program is calculated together to get the FTE position number.

DEADLINE FOR APPLICATION:

Applications are accepted at anytime and awards are made in March, July and November of each year.

DEPARTMENT OF INTERIOR

NAME OF AGENCY:

Department of Interior
U.S. Geological Survey

NAME OF PROGRAM:

Programs for Minority Participation in the Earth Sciences (MPES)

ADDRESS:

U.S. Geological Survey (USGS)
103 National Center
Reston, VA 22092

CONTACT PERSON:

Jane H. Wallace, Manager

TELEPHONE NUMBER:

(202) 343-3888

ELIGIBILITY REQUIREMENTS:

The programs are of several types and include participation by minorities, non-minority women and the disadvantaged.

Student Programs—Students from high school through graduate school participate in these programs as field and laboratory assistants, technicians, or beginning earth scientists. The student participants have an interest in the earth sciences, or some potential in that area, and they get an opportunity to work with the USGS professional staff including geologists, chemists, geophysicists, hydrologists, and cartographers. This is the largest MPES effort.

College and University Programs—USGS assisted a university with a predominantly minority enrollment in developing and installing a cartography program in its department of geography and history. Faculty and students from the university gained specific experience at USGS prior to the initiation of the cartography program at the university.

Graduate Intern Program—This program allows full-time minority graduate students and full-time non-minority women graduate students in the earth sciences to work with USGS experts and receive some financial support at the same time that they write a thesis on a research topic that relates to a USGS project. In the previous two fiscal years, eighteen graduate students have participated in the program.

Conferences and Career Fairs—USGS representatives participate in national and local conferences and career fairs which are aimed at increasing minority participation in the earth sciences.

FY 1985 AWARDS:

$643,000 will be available for these programs.

NUMBER OF FY 1984 AWARDS:

$787,262 was available for these programs.

DEADLINE FOR APPLICATION:

Ad Hoc-Awardees are recruited by USGS for participation in the program.

DEPARTMENT OF STATE

NAME OF AGENCY:

Department of State

The Department has no applicable programs for women, minorities and the physically handicapped. Any eligible person may apply for the AAAS Fellows program.

NAME OF PROGRAM:

AAAS Science, Engineering and Diplomacy Fellows

ADDRESS:

American Association for the Advancement of Science
1333 H Street, N.W.
Washington, D.C. 20005

CONTACT PERSON:

Patricia Curlin

TELEPHONE NUMBER:

(202) 326-6600

ELIGIBILITY REQUIREMENTS:

An applicant in any area of science or engineering must have a high level of competence in his/her field and show potential to apply the knowledge gained in the area of foreign affairs/international development. Fellows serve in either the State Department or AID for one year and work

on science and technology and foreign affairs and development issues.

FY 1985 AWARDS (NUMBER AND SIZE):

N/A

NUMBER OF FY 1984 AWARDS:

Four awards were made.
$35,806 was available for the program.

DEADLINE FOR APPLICATION:

February of each year.

U.S. DEPARTMENT OF AGRICULTURE

NAME OF AGENCY:

U.S. Department of Agriculture

NAME OF PROGRAM:

Program in Agricultural and Lifesciences for Minority Students (PALMS)

ADDRESS:

Division of Agricultural and Life Sciences
University of Maryland
College Park, Maryland 20742

CONTACT PERSON:

Dr. Amel Anderson
Assistant Provost

TELEPHONE NUMBER:

(301) 454-5257

ELIGIBILITY REQUIREMENTS:

The Beltsville Agricultural Research Center and the Division of Agricultural and Life Sciences at the University of Maryland work together on this program. The program aims to attract minority students to agricultural and lifescience disciplines by giving them an opportunity to see how these disciplines actually look to scientists working in these careers.

This is a six day program that includes lectures, tours, hands-on laboratory experiences and job seminars.

FY 1985 AWARDS (NUMBER AND SIZE):

The discretionary funds provided by Agricultural Research Service are usually around $10,000. Twenty seven students participated in the program.

NUMBER OF FY 1984 AWARDS:

Thirty students from Maryland or the District of Columbia in their junior year in high school participated in the program.

$10,000 was the program budget.

DEADLINE FOR APPLICATION:

May of each year.

NAME OF AGENCY:

U.S. Department of Agriculture

NAME OF PROGRAM:

Research Apprenticeship Program
Agricultural Research Service (ARS)

ADDRESS:

Agricultural Research Service
Department of Agriculture
14th & Independence Avenue, S.W.
Washington, D.C. 20250

CONTACT PERSON:

Mr. Obie Patterson

TELEPHONE NUMBER:

(202) 447-6161

ELIGIBILITY REQUIREMENTS:

The program is open to "high potential" students who:

1) have completed their junior year in high school;
2) are in the upper third of their class;
3) are U.S. citizens;
4) have an expressed interest in science as a vocation;
5) have an interest in attending college; and,
6) have some ability in science.

The areas of student interest are the agricultural, biological, mathematical or physical sciences.

Interested ARS scientists prepare a request for funding; these scientists must be currently carrying out ARS-sponsored

research. The ARS scientist must be willing to act as a "mentor" for the students in order to submit a proposal.

FY 1985 AWARDS (NUMBER AND SIZE):

The minimum number of stuudents expected to participate in the program is 200.

NUMBER OF FY 1984 AWARDS:

$250,000 was the annual ARS program budget. Students are funded for the summer at a minimum wage not to exceed $1,350.

DEADLINE FOR APPLICATION:

March of each year.

DEPARTMENT OF DEFENSE

NAME OF AGENCY:

U.S. Department of the Army

NAME OF PROGRAM:

Uninitiated Introduction to Engineering (UNITE)

ADDRESS:

Junior Engineering Technical Society (JETS)
345 East 47th Street
New York, NY 10017

CONTACT PERSON:

Roy B. Cowin

TELEPHONE NUMBER:

(212) 705-7690

ELIGIBILITY REQUIREMENTS:

This program provides an opportunity for high academic potential minority high school students from groups under-represented in science (Blacks, Hispanics, and Native Americans) to have an introduction and orientation to college by participating in an on-campus living experience. An integral part of the program is an intense tutorial in mathematics. The programs run from a minimum of one month to a maximum of ten weeks. The program does not provide a stipend for the students.

Financially or physically disadvantaged students who have completed their junior year in high school may participate in the program at one of four campuses: San Jose State University, University of Detroit, Brigham Young University and the University of Delaware.

FY 1985 AWARDS (NUMBER AND SIZE):

Forty students will participate in the program at each institution. The current year's budget is $99,750.

NUMBER OF FY 1984 AWARDS:

The program budget was $110,000.

DEADLINE FOR APPLICATION:

Each university has its own application deadline below:

University of Detroit, May
University of Delaware, April
Brigham Young University, May
San Jose State University, May

NAME OF AGENCY:

U.S. Department of the Navy
Office of Naval Research

NAME OF PROGRAM:

Historically Black College Council (HBCC)

ADDRESS:

Office of Naval Research (ONR)
800 North Quincy Street
Arlington, VA 22217-5000

CONTACT PERSON:

Mr. Chuck Luther, Council Chairperson

TELEPHONE NUMBER:

(202) 696-4119

ELIGIBILITY REQUIREMENTS:

The Council aims, through a variety of programs, to increase the potential of the Historically Black Colleges to do high quality research which is of interest to ONR. In addition, the Council aims to assist institutions in the development of training programs which aim to increase the number of Blacks and other minorities engaged in research that is useful to ONR's mission.

The HBCC programs are described below.

(1) **Contract Research awards** allow academic and other institutions to submit unsolicited proposals which are peer-reviewed prior to award.

(2) **Graduate Fellowships** are available (through the American Society for Engineering Education) to U.S. citizens in scientific and engineering areas for graduate study leading to a doctoral degree in fields of study which are announced annually.

(3) **Young Investigator Awards** provide three to five years of support with a basic funding level of $50,000 for research on issues of interest to the Navy.

(4) **Summer Faculty Research awards** (available through the American Society for Engineering Education) allow science and engineering faculty members to conduct research for ten weeks in Naval research laboratories on subjects of mutual interest to the faculty member and the lab.

(5) **University Research Instrumentation awards** are administered by the Air Force Office of Scientific Research, the Army Research Office and the Office of Naval Research and provide funds to colleges and universities to acquire equipment for basic research that is consistent with Department of Defense goals.

(6) **High School Apprenticeship awards** aim to encourage disadvantaged high school students to study and pursue careers in science and engineering. ONR scientists hire and train the students to assist them in their research projects during the summer.

NUMBER OF FY 1984 AWARDS:

$2,300,000 was available for research in these areas: behavioral and social sciences, biological and medical sciences, chemistry, electronics, environmental science, general physics, information sciences, materials, mathematical sciences, mechanics, meteorology and ocean sciences.

DEADLINE FOR APPLICATION:

N/A

NAME OF AGENCY:

U.S. Department of the Army

NAME OF PROGRAM:

Research and Engineering Apprenticeship Program (REAP) for High School Students

ADDRESS:

Academy of Applied Sciences
One Maple Street
Concord, NH 03301

CONTACT PERSON:

Ruth R. Curtis, Director

TELEPHONE NUMBER:

(603) 225-2072

ELIGIBILITY REQUIREMENTS:

This experimental program provides intensive summer training for high school students in the laboratories of scientists. Army research activities are the focus of the program.

Program aims to motivate students to choose science as a career. Students must be juniors or seniors in high school with an interest in science and must have shown some ability in science. In addition, students are selected on the basis of recommendations of high school teachers and administrators and through the interview process.

Preference is given to economically disadvantaged students, Blacks, Hispanics and American Indians. Students live at home while they participate in the program and must live in the area where an approved professor lives. The program does not exist in every state.

FY 1985 AWARDS (NUMBER AND SIZE):

96 students will participate in the program. For each student who participates a stipend of $2,500 is available, one half to the apprentice and one half to the professor "mentor."

The budget is $285,000.

NUMBER OF FY 1984 AWARDS:

110

DEADLINE FOR APPLICATION:

Professors apply for sub-grants with students working under them. Students should talk with their high school science teacher.

Awards are made from February to April.

U.S. DEPARTMENT OF TRANSPORTATION

NAME OF AGENCY:

U.S. Department of Transportation

This is not a program specifically for minority, women or handicapped individuals; one minority institution received an award in FY 1984.

NAME OF PROGRAM:

Urban Mass Transportation Agency
University Research and Training Program

ADDRESS:

Office of Technical Assistance
Research and Training Division, URT-33
400 Seventh Street, S.W.
Room 6100
Washington, D.C. 20590

CONTACT PERSON:

Judy Meade-Research
Irving Chambers or Linda Barnes-Training

TELEPHONE NUMBER:

(202) 426-0080

ELIGIBILITY REQUIREMENTS:

These programs assist public and private non-profit institutions of higher education in establishing and conducting research and training activities that address urban and rural transportation problems. In this way, universities and colleges become sources of research and information for state and local government efforts to plan, design, build and operate transportation systems and services.

Applications identify and address one of the research topic areas selected by UMTA for funding. Principal investigators must teach full time as members of an institution of higher education's faculty. Applications for funding should be designed so that the research or training can be completed in a twelve month period.

In FY 1985, the research topic areas of interest to UMTA were: efficiency and productivity; transportation annd planning; rural and small urban transportation —Section 18; marketing and ridership; transit system modernization, construction and equipment; legal and regulatory issues; section 15 reporting system; training courses; transit management; and, transportation financing and pricing.

FY 1985 AWARDS (NUMBER AND SIZE):

The maximum award amount is $85,000.
Announcements of awards were made during May, 1985.

NUMBER OF FY 1984 AWARDS:

Twelve awards were made which ranged between $42,000 and $85,000.

DEADLINE FOR APPLICATION:

Requests for 1986 program announcements are being accepted. The information will be mailed out as soon as it is available. The deadline for application will be in November.

NATIONAL SCIENCE FOUNDATION

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Bioengineering and Research for the Handicapped (BRH)

ADDRESS:

Directorate for Engineering
1800 G Street, N.W., Room 1132
Washington, D.C. 20550

CONTACT PERSON:

Dr. William Freedman

TELEPHONE NUMBER:

(202) 357-7710

ELIGIBILITY REQUIREMENTS:

The BRH programs support research on scientific and engineering principles as applied to living systems. Any individual who qualifies for an NSF grant is eligible to apply for an award under these two (Bioengineering or Research for the Handicapped) programs.

The *Bioengineering program* supports research that uses the techniques of engineering and its methodologies to solve physiological problems. The research areas supported include but are not limited to: Sensors and Implants; Non-Invasive Diagnostics; Signal Analysis; and Simulation and Modeling.

The *Research for the Handicapped program* supports research that increases the knowledge base which can lead to products, treatment methods, or societal and environmental changes which will significantly benefit the handicapped. Areas of research support include but are not limited to the following: synthetic sppech and communication devices for sensory/ speech disabled; limb-prosthetic and orthotic devices; robotics and computer technology applied to aids for the physically disabled; biomechanics of motion; orientation and mobility aids; nerve substitution systems for spinal cord injured; and neurochemical enhancement of motor function.

Eight categories of BRH research were funded last year: communication, implant materials, mobility, independent living, spinal cord injury and regeneration, robotics aids for the handicapped, vision substitution and program planning and program communication.

FY 1985 AWARDS:

$2.3 million was requested in budget.

25 awards have been made through April, 1985 (Program year ends on September 30, 1985).

NUMBER OF FY 1984 AWARDS:

$2.3 million was available.

46 awards were made.

DEADLINE FOR APPLICATION:

Applications are accepted at any time.

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Minority Graduate Fellowship Program

ADDRESS:

Directorate for Science and Engineering Education
1800 G Street, N.W.
Room 414
Washington, D.C. 20550

CONTACT PERSON:

Dr. Douglas Chapin

TELEPHONE NUMBER:

(202) 357-7856

ELIGIBILITY REQUIREMENTS:

Members of minority groups underrepresented in science are eligible to apply if they are planning to work on a master's or doctoral degree in mathematical, physical, biological, engineering or social sciences or in the history or philosophy of science. An applicant can not have completed an advanced degree or a certain number of hours toward an advanced degree and still qualify for the program. All applicants must be citizens or U.S. nationals.

Applicants are evaluated on the basis of their ability, which includes their academic records, recommendations and their scores on the Graduate Record Examinations. A successful applicant is expected to be able to make a "significant contribution" to science or engineering.

FY 1985 AWARDS (NUMBER AND SIZE):

Sixty awards were made.

These are three year awards with an annual stipend of $11,100 for the 1985-86 academic year. There is no travel or dependency allowance. NSF pays a cost of-education allowance to the institution—$6,000 in lieu of all tuition and fees.

NUMBER OF FY 1984 AWARDS:

Sixty awards were made.

DEADLINE FOR APPLICATION:

November of each year.

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Facilitation Awards for Handicapped Scientists and Engineers

ADDRESS:

1800 G Street, N.W.
Room 1225
Washington, D.C. 20550

CONTACT PERSON:

Ms. Lola Rogers
Coordinator

TELEPHONE NUMBER:

(202) 357-7552

ELIGIBILITY REQUIREMENTS:

Funds are available either as part of an NSF grant request or as a supplement to an NSF existing award.

Funds are provided to successful applicants who are principal investigators, other senior personnel, professionals or other senior personnel or postdoctoral students.

Funds are requested for special equipment or assistance necessary to enable a handicapped individual to participate in an NSF grant.

FY 1985 AWARDS (NUMBER AND SIZE):

There are no maximum amounts for these awards.

DEADLINE FOR APPLICATION:

There are no deadlines. The applications are supplemental to requests for NSF funds for research.

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Visiting Professorships for Women

ADDRESS:

1800 G Street, N.W.
Room 1225
Washington, D.C. 20550

CONTACT PERSON:

Dr. Margrete Klein

TELEPHONE NUMBER:

(202) 357-7734

ELIGIBILITY REQUIREMENTS:

Women Ph.D's are eligible if they have independent research experience (as well as their doctorate) in a field supported by NSF. The applicants must be currently affiliated with a U.S. institution of higher learning.

Awards are for a period of one semester or may be for as long two years. Previous awardees may not re-apply.

The program aims to provide a research experience that may not be available for the visiting woman scientist at the home institution. The program encourages the participation of women in science and engineering by giving them visibility and by advising and counselling other women about careers in science and engineering.

FY 1985 AWARDS (NUMBER AND SIZE):

$2,000,000 is available for the program.

NUMBER OF FY 1984 AWARDS:

$2,000,000 was available.
Approximately twenty-nine (29) proposals were funded in FY 1984.

DEADLINE FOR APPLICATION:

October 1, 1985

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Research Opportunities for Women (ROW)

ADDRESS:

1800 G Street, N.W.
Room 1225
Washington, D.C. 20550

CONTACT PERSON:

Dr. Margrete Klein
Program Director

TELEPHONE NUMBER:

(202) 357-7734

ELIGIBILITY REQUIREMENTS:

Women who have received their doctorates in the last three years are eligible if they have not been a principal investigator on a Federally funded project. Also, women Ph.D's who have had interruptions in their careers in two of the past five years are eligible.

FY 1985 AWARDS (NUMBER AND SIZE):

—Ten to fifteen awards are expected in FY 1985.
—An award can last for a maximum time period of 36 months.
—$500,000 is available for the program.

DEADLINE FOR APPLICATION:

ROW proposals are submitted to the Foundation's disciplinary research programs in accordance with the target dates or deadlines of those programs.

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Research Improvement in Minority Institutions (RIMI)

ADDRESS:

1800 G Street, N.W.
Room 1225
Washington, D.C. 20550

CONTACT PERSON:

Dr. Roosevelt Calbert

TELEPHONE NUMBER:

(202) 357-7350

ELIGIBILITY REQUIREMENTS:

Institutions of higher education are eligible to participate if they have an enrollment of 50% of any one minority group or a combination of minority groups underrepresented in science and engineering. If the institution's enrollment is twenty percent of a single underrepresented minority group, the institution also qualifies to apply for an award.

The program goal is to strengthen the research capability of institutions with sizeable minority enrollments that also have graduate programs in science or have engineering programs.

FY 1985 AWARDS (NUMBER AND SIZE):

$5,000,000 is available.

Awards are made for up to three years for a maximum amount of $300,000.

NUMBER OF FY 1984 AWARDS:

$2,475,000 was available.

DEADLINE FOR APPLICATION:

December 1 of each year

NAME OF AGENCY:

National Science Foundation

NAME OF PROGRAM:

Minority Research Initiation (MRI)

ADDRESS:

1800 G Street, N.W.
Room 1225
Washington, D.C. 20550

CONTACT PERSON:

Dr. Roosevelt Calbert

TELEPHONE NUMBER:

(202) 357-7350

ELIGIBILITY REQUIREMENTS:

Minority scientists or engineers are eligible if they hold full-time faculty or full-time research positions and are seeking Federal research support as a faculty member for the first time.

There is no upper limit on the size of the awards. Awards may be made for a period of up to three years; extensions are provided after the first year.

FY 1985 AWARDS (NUMBER AND SIZE):

$2,500,000 is available.

NUMBER OF FY 1984 AWARDS:

$2,480,000 is available.

DEADLINE FOR APPLICATION:

Applications are accepted on continuous cycle.

ENVIRONMENTAL PROTECTION AGENCY

NAME OF AGENCY:

Environmental Protection Agency

NAME OF PROGRAM:

Minority Student Fellowship Program

ADDRESS:

U.S. Environmental Protection Agency (RD-675)
401 M Street, S.W.
Washington, D.C. 20460

CONTACT PERSON:

Walter H. Preston
Ombudsman, Minority Institutions Assistance

or

Clyde Bishop
Associate Science Review Administrator

TELEPHONE NUMBER:

(202) 382-5750
(202) 382-7445

ELIGIBILITY REQUIREMENTS:

Students are eligible to apply for the program if they are seniors in college or graduate students at a Historically Black College. Applicants must have a "B" average overall and must be majoring in either the physical sciences, biological sciences, agricultural sciences or engineering.

Student applicants will be reviewed and evaluated based on their commitment to a career in the physical sciences, their objectives and personal goals, recommendations by their sponsor and faculty member, and any employment experience that is related to their field of study.

FY 1985 AWARDS (NUMBER AND SIZE):

Approximately 30 fellowships are provided on an annual basis.

In FY 1985, $120,000 is available and 28 Fellowships will be provided.

NUMBER OF FY 1984 AWARDS:

$100,000 was available and 31 Fellowships were provided.

DEADLINE FOR APPLICATION:

April
October

NAME OF AGENCY:

Environmental Protection Agency

NAME OF PROGRAM:

Special Research Grant

ADDRESS:

U.S. Environmental Protection Agency (RD-675)
401 M Street, S.W.
Washington, D.C. 20460

CONTACT PERSON:

Walter H. Preston
Ombudsman, Minority Institutions Assistance

TELEPHONE NUMBER:

(202) 382-5750

ELIGIBILITY REQUIREMENTS:

Institutions subject to Executive Order 12320, and identified by the Secretary of Education as Historically Black Colleges and Universities, are eligible to apply for a grant. Preapplication assistance is available under this program.
Grants are made in the areas of:

Environmental Ecology, Biology and Microbiology
Environmental Health
Environmental Engineering
Environmental Chemistry, Physics and Measurements.

Several criteria are used to select research proposals for funding. The research project should pertain directly to EPA's mission and should be long term in nature. In addition, the following questions are considered in the review process: the quality of the research plan, the qualifications of the principal investigator, the potential contribution to scientific kmowledge, the availability and adequacy of facilities and equipment, and the justifications for the budget.

FY 1984 AWARDS (NUMBER AND SIZE)

Awards were made to three institutions; the total amount provided was $349,876.

DEADLINE FOR APPLICATION:

April
October

U.S. DEPARTMENT OF EDUCATION

NAME OF AGENCY:

Department of Education

NAME OF PROGRAM:

Graduate and Professional Opportunities Program

ADDRESS:

Division of Higher Education
Department of Education
400 Maryland Avenue, S.W.
Washington, D.C. 20202

CONTACT PERSON:

Louis J. Venuto

TELEPHONE NUMBER:

(202) 245-2347

ELIGIBILITY REQUIREMENTS:

Any accredited institution of higher education with an advanced or professional degree program may apply for a grant under this program. Full-time students seeking advanced degrees or persons accepted into the applicant institution are eligible to apply for assistance under the institutional grant.

Fellowships have been provided in areas such as the physical sciences, the social sciences, medical sciences, and engineering; fellowships are generally provided in both scientific and non-scientific areas.

Evidence of the inclusion of underrepresented students (women and minorities) is one of several criteria which will be weighed in selecting institutions for participation in the program.

FY 1985 AWARDS (NUMBER AND SIZE):

$11,750,000 is available for the program.

NUMBER OF FY 1984 AWARDS:

$11,000,000 was available for the program. 138 grants ranging in size from $16,000 to $275,000 were made to institutions in FY 1984.

The academic progress that a student is making is a basis for continuing the award.

DEADLINE FOR APPLICATION:

August

NAME OF AGENCY:

Department of Education

NAME OF PROGRAM:

Special Services for Disadvantaged Students

This program is open to any student (whether minority or not) who meets the eligibility requirements.

ADDRESS:

Division of Student Services
Office of Postsecondary Education
Department of Education
P.O. Box 23772 L'Enfant Plaza Station
Washington, D.C. 20026-3772

CONTACT PERSON:

Jowava M. Leggett

TELEPHONE NUMBER:

(202) 245-2165

ELIGIBILITY REQUIREMENTS:

Institutions of higher education are eligible to apply for project grants to provide academic support and personal counseling to low income, first generation college students or to physically handicapped students whc are enrolled or accepted at the university or college.

Funds may be used to provide personal and academic counseling, career guidance, and tutoring to assist the students in getting into graduate or professional school. Project funds may also be used to provide services designed for students of limited English proficiency.

FY 1985 AWARDS (NUMBER AND SIZE):

$70,323,300 is available for the program.

NUMBER OF FY 1984 AWARDS:

Grants ranged in size from $12,672 to $244,759. In FY 1984, 665 awards were made; in FY 1983, there were 150,293 students in the program and 639 awards were made.

DEADLINE FOR APPLICATION:

Current grant recipients apply in the Fall of each year for continuation grants.
New grants to institutions are available every third year.

NAME OF AGENCY:

Departmemt of Education

NAME OF PROGRAM:

Upward Bound

This program is open to any student (whether minority or not) who meets the guidelines for it.

ADDRESS:

Division of Student Services
Department of Education
P.O. Box 23772 L'Enfant Plaza Station
Washington, D.C. 20026-3772

CONTACT PERSON:

Walter Lewis

TELEPHONE NUMBER:

(202) 245-2165

ELIGIBILITY REQUIREMENTS:

Accredited institutions of higher education and public and private agencies and organizatioins are eligible to apply for

an award in this program. Student participants must be from low income backgrounds and must have the potential to be first generation college students. The individuals who participate in the program have a need for academic support as well and are between the 13 and 19 years old. The student participants must have completed the eighth grade but not have completed the twelfth grade.

This program aims to develop the skills and motivation in the participants that they will need for success in education beyond the high school level.

FY 1985 AWARDS (NUMBER AND SIZE):

$73,938,400 was available for this program.

NUMBER OF FY 1984 AWARDS:

422 continuations of previous grants were provided to institutions of higher education. The average award made was $168,300.

DEADLINE FOR APPLICATION:

The last deadline for new three year grants was September 1984. New award applications will be accepted in the Fall of 1987.

NAME OF AGENCY:

Department of Education

NAME OF PROGRAM:

Talent Search

This program is open to any student (whether minority or not) who qualifies to participate in it.

ADDRESS:

Division of Student Services
Department of Education
P.O. Box 23772 L'Enfant Plaza Station
Washington, D.C. 20026-3772

CONTACT PERSON:

Walter Lewis

TELEPHONE NUMBER:

(202) 245-2165

ELIGIBILITY REQUIREMENTS:

Accredited institutions of higher education and public and private institutions and organizations are eligible to apply for a grant under this program. Student participants must be high school or college dropouts from 12-27 years old and must have completed the sixth grade.

This program aims to identify qualified youths who have the potential for postsecondary education and get them back into the educational system.

FY 1985 AWARDS (NUMBER AND SIZE):

$20,272,500 was available for continuation grants through this program. No new awards were made in FY 1985.

NUMBER OF FY 1984 AWARDS:

166 new awards were made in December 1984; the average size of these awards was $106,900.

DEADLINE FOR APPLICATION:

The next three year cycle for applications will have a deadline of Fall 1987.

NAME OF AGENCY:

Department of Education

NAME OF PROGRAM:

Educational Opportunity Centers

This program is open to any student (whether minority or not) who qualifies for it.

ADDRESS:

Division of Student Services
Department of Education
P.O. Box 23772
Washington, D.C. 20026-3772

CONTACT PERSON:

Walter Lewis

TELEPHONE NUMBER:

(202) 245-2165

ELIGIBILITY REQUIREMENTS:

Grants are available to institutions of higher education and to public and private agencies and organizations. Student participants are first generation, low income individuals who need the services provided by the centers and are going to apply for admission to institutions of higher eduucation and for financial aid.

This program provided funds for centers which give information to eligible participants on available opportunities for postsecondary education.

FY 1985 AWARDS (NUMBER AND SIZE):

$9,317,500 was available for this program.

NUMBER OF FY 1984 AWARDS:

33 continuation awards were made. The size of the average award was $245,956.

DEADLINE FOR APPLICATION:

New applications are accepted every three years. The last deadline for application was December 1983. The next deadline for application will be in Fall 1986.

NAME OF AGENCY:

U.S. Department of Education

NAME OF PROGRAM:

Minority Institutions Science Improvement Program (MISIP)

ADDRESS:

Higher Education Incentive Programs Division
3104 A ROB
Washington, D.C. 20202

CONTACT PERSON:

Dr. Argelia Verlez-Rodriguez
Senior Science Education Program Officer

TELEPHONE NUMBER:

(202) 245-3253

ELIGIBILITY REQUIREMENTS:

This program provides Design Project Grants, Institutional and Cooperative Grants and Special Projects Grants to minority institutions, on a competitive basis, which are public or private, accredited colleges and universities, and which have a 50% or more minority enrollment. The program focuses its support on minority groups underrepresented in science. Nonprofit organizations and scientific societies are also eligible to apply for awards if they render a needed service to eligible minority institutions or if they provide in-service training for project directors, scientists or engiineers from eligible minority institutions.

Support is provided to minority institutions in order to strengthen their capability to develop and maintain quality science education programs for all students at their institutions. These institutions are assisted in their ability to assess their own programs as well as in managing and evaluating their programs. The program also aims to assist the institutions in their ability to increase the number of minority students going into graduate work or careers in science.

FY 1985 AWARDS (NUMBER AND SIZE):

Design Project Grants are funded for a maximum amount of $20,000.

Institutional Grants are funded for a maximum amount of $300,000 and for a maximum time period of 36 months. Cooperative grants are funded for a maximum amount of $500,000 and for no longer than 36 months respectively.

Special Projects Grants may request up to $50,000 to be used for a maximum time period of 24 months. Some special projects that benefit a group of institutions or provide training to several types of program officials from an institution may qualify for up to $150,000 to be used for a maximum time period of 24 months.

$5,000,000 is available for the MISIP program. The FY 1985 awards have been made.

NUMBER OF FY 1984 AWARDS:

$4,800,000 was available.

DEADLINE FOR APPLICATION:

Applications should be available for the FY 1986 program in October 1985.

HEALTH AND HUMAN SERVICES/NATIONAL INSTITUTES OF HEALTH

NAME OF AGENCY:

National Institutes of Health

NAME OF PROGRAM:

Extramural Associates Program

ADDRESS:

Room 1B59, Bldg. 31
9000 Rockville Pike
Bethesda, Md. 20205

CONTACT PERSON:

Jean G. Oliver, Director

TELEPHONE NUMBER:

(301) 496-9728

ELIGIBILITY REQUIREMENTS:

The Extramural Associates Program is NIH's adaptation of the Intergovernmental Personnel Act (IPA) program. Individuals are nominated for the IPA program by an

institution where they are employed if the institution has a significant minority student enrollment. The program is open to individuals who are in senior positions at these undergraduate institutions as scientists or administrators.

Applicants must be acceptable as candidates for the Intergovernmental Personnel Act Program and will serve at NIH under an NIH science administrator.

The program aims to give Associates a broad working knowledge of Federal support of biomedical research. Individuals who participate in the program are expected to help their home institution expand its participation in Federally funded health research.

FY 1985 AWARDS:

12 awards were made. There is a five month residency cycle with two sessions per year, and there are 6 associates per year.

NUMBER OF FY 1984 AWARDS:

11 awards were made. The awards provided 50% of salary, travel to and from NIH and related expenses allowed under the IPA agreement.

DEADLINE FOR APPLICATION:

The end of November of each year. (Programs begin the following July and January of the next year.)

NAME OF AGENCY:

National Institutes of Health

NAME OF PROGRAM:

Research Apprenticeship Program for Minority High School Students

ADDRESS:

Biomedical Research Support Program Branch
Division of Research Resources
Bldg. 31, Room 5B23
Bethesda, MD 20205

CONTACT PERSON:

Dr. Thomas Bowrey
Director, Minority High School Research Apprentice Program

TELEPHONE NUMBER:

(301) 496-6743

ELIGIBILITY REQUIREMENTS:

Insitutions are eligible for support if they received either the Biomedical Research Support (BRSP) program or the Minority Biomedical Research Support Program (MBRS) in the previous Federal fiscal year.

Minority (Black, American Indian or Alaskan Native, or Pacific Islander/Asian) high school juniors or seniors may participate in both their junior and senior years in the program. The selection of students is done on the basis of their scholastic ability and accomplishments. Students get an opportunity to work on an individual basis with an active researcher.

FY 1985 AWARDS (NUMBER AND SIZE):

$1,500,000 is available for awards.

NUMBER OF FY 1984 AWARDS:

284 awards were made. (Between $1,500 and $4,500 per institution was provided in FY 1983.) $1,000,000 was available for awards.

Apprentices were paid a salary equivalent to minimum wage.

DEADLINE FOR APPLICATION:

December of each year.

NAME OF AGENCY:

National Institutes of Health

NAME OF PROGRAM:

Research Centers for Minority Institutions

ADDRESS:

Division of Research Resources
National Institutes of Health
Building 31, Room 5B03
9000 Rockville Pike
Bethesda, MD 20205

CONTACT PERSON:

Dr. Sidney McNary
Chief, RCMI Program

TELEPHONE NUMBER:

(301) 496-6341

ELIGIBILITY REQUIREMENTS:

An institution that has more than 50 percent minority enrollment is eligible to participate in the program if it awards doctoral degrees in the health professions (M.D., D.D.S., D.V.M., etc.) or a Ph.D. degree in science fields related to health.

The aim of the program is to make institutions (which have the degree programs cited above) able to compete for grants in

the biomedical and/or behavioral research areas of the U.S. Public Health Service mission.

FY 1985 AWARDS (NUMBER AND SIZE):

Not more than $1,000,000 is available per institution for a period of up to five years, depending on the size and scope of the proposal submitted.

The total RCMI program budget is $5,000,000.

DEADLINE FOR APPLICATION:

April of each year. Awards are announced around October. Future dates to be announced.

NAME OF AGENCY:

National Institutes of Health

NAME OF PROGRAM:

Comprehensive Minority Biomedical Program

ADDRESS:

Division of Extramural Activities
National Cancer Institute
Building 31, Room 10A-04
Bethesda, MD 20205

CONTACT PERSON:

Dr. Lemuel Evans, Director

TELEPHONE NUMBER:

(301) 496-7344

ELIGIBILITY REQUIREMENTS:

This program allows minority scientists to enlarge their capabilities in cancer research and attempts to get more minority scientists interested in careers as cancer researchers.

U.S. institutions may apply for this program on behalf of a principal investigator if they have: 1) an active cancer research grant, 2) access to large numbers of minority patients on a regular basis, and 3) patients who can participate in treatment programs. The patients must be minorities (Blacks, Hispanics, Native Americans and Orientals) and will have an opportunity to benefit from new cancer treatment programs because of the participation of the institutions in the CMBP program.

Institutions receiving support under this program cannot continue to receive supplemental grant support beyond the life of the parent grant. These projects are usually funded for two years and may be renewed for an additional year with appropriate justification.

FY 1985 AWARDS (NUMBER AND SIZE):

These grants are annual supplements to NIH awards. NIH policy on supplemental awards governs the award of these grants.

NUMBER OF FY 1985 AWARDS:

10 awards will be minority supplements to NCI grants. 80 total awards are expected in this program in FY 1985.

DEADLINE FOR APPLICATION:

February 1 of each year
June 1 of each year
September 1 of each year

NAME OF AGENCY:

Department of Health and Human Services
Public Health Service

NAME OF PROGRAM:

Indian Health Service (IHS)
Health Professions Scholarships

ADDRESS:

Indian Health Service
Grants and Contracts Management Branch
Room 6A-29
5600 Fishers Lane
Rockville, MD 20857

CONTACT PERSON:

M. Kay Carpentier
Grants Management Officer

TELEPHONE NUMBER:

(301) 443-5204

ELIGIBILITY REQUIREMENTS:

Three IHS programs—Health Professions Preparatory Scholarships, Health Professions Pregraduate Scholarships and Health Professions Scholarships— are available to applicants. Only Indian students may apply for grants in the Preparatory and Pregraduate Scholarships Program; a preference is given to Indian student applicants in the Health Professions Scholarship Program.

The programs provide a stipend for student living expenses, payment of tuition and fees, and payment for all other reasonable educational expenses.

In the Fall 1985 *Health Professions Preparatory Scholarship Program*, financial assistance was made available to Indian

students *only* for compensatory or preprofessional courses. Prenursing programs were the only categories of support for the 1985 school year.

In the Fall, 1985 *Health Professions Pregraduate Scholarship Program*, Indian students *only* were eligible for financial support in premedicine programs.

The *Health Professions Scholarship Program* provides support for applicants enrolled in health and allied health professions programs. Eight fields of support were available to applicants under the guidelines of this program.

FY 1985 AWARDS (NUMBER AND SIZE):

$564,00 is available for about 50 Preparatory Scholarships.
$226,00 is available for about 20 Pregraduate Scholarships.
$1,014,00 is available for about 90 Scholarships.

DEADLINE FOR APPLICATION:

April

NAME OF AGENCY:

Department of Health and Human Services
Public Health Service

NAME OF PROGRAM:

Health Professions Recruitment Program for Indians

ADDRESS:

Indian Health Service
Grants and Contracts Management Branch
Room 6A-29
5600 Fishers Lane
Rockville, MD 20857

CONTACT PERSON:

M. Kay Carpentier
Grants Management Officer

TELEPHONE NUMBER:

(301) 433-5204

ELIGIBILITY REQUIREMENTS:

Any Indian tribe, tribal organization, urban Indian organization, Indian health orgranization or any public or other non-profit health or educational entity may apply for a grant to identify and recruit American Indians and Alaskan Natives, and assist them in achieving a Masters degree in public health or hospital administration. For this grant period, priority is given to Indian Health Service Indian employees and to Indians with a potential for education or training in Public Health or Hospital Administration.

FY 1985 AWARDS (NUMBER AND SIZE):

IHS expects to fund four projects through a total budget of $220,000.

DEADLINE FOR APPLICATION:

May

NAME OF AGENCY:

National Insitutes of Health
National Insitute of Mental Health (NIMH)

NAME OF PROGRAM:

NIMH Institutional Clinical Training Grants for Support of Minority and Disadvantaged Students

ADDRESS:

Division of Human Resources, Room 7C-06
Parklawn Building
5600 Fishers Lane
Rockville, MD 20857

CONTACT PERSON:

Chief, Center for Clinical Personnel Development

TELEPHONE NUMBER:

(301) 443-5850

ELIGIBILITY REQUIREMENTS:

Students and faculty members receive training grant support for the development of new ways to remedy the deficiencies in the training methods and curricula concerning the mental health of minorities and the disadvantaged.

Applicant institutions must be able to show their ability to perform mental health training for minority and disadvantaged students. Departments of psychiatry and psychology are eligible to participate in the program. Accredited schools of social work and schools of nursing which offer graduate programs leading toward degrees in psychiatric nursing are also eligible to participate in this program.

FY 1985 AWARDS (NUMBER AND SIZE):

$2,146,079 is available for program support.

NUMBER OF FY 1984 AWARDS:

58 institutional awards averaging between $25,000 and $45,000 were made in FY 1984.

217 stipends were provided.

DEADLINE FOR APPLICATION:

NAME OF AGENCY:

National Institutes of Health
National Institute of Mental Health (NIMH)

NAME OF PROGRAM:

NIMH Minority Fellowship Program

ADDRESS:

Room 11-95
5600 Fishers Lane
Rockville, MD 20857

CONTACT PERSON:

Joseph W. Griggs, Ed.D.
Project Officer

TELEPHONE NUMBER:

(301) 443-3724

ELIGIBILITY REQUIREMENTS:

Five programs are operated by these groups:

American Psychiatric Association (Jeanne Spurlock, M.D., 202/682-6093);
American Psychological Association (James M. Jones, Ph.D., 202/955-7761);
American Nurses' Association (Hattie Bessent, Ed.D., R.N., 202/ 789-1334);
American Sociological Association (Paul R. Williams, Ph.D., 202/833-3410);
and, the Council on Social Work (Carl A. Scott, M.S.W., 202/ 667-2300). The programs provide an opportunity for pre- and post-doctoral clinical and research training for qualified minority students.

Funding is provided to the professional associations; the associations make the actual selections of the fellows from accredited institutions and interested students should contact the associations directly.

FY 1985 AWARDS (NUMBER AND SIZE):

$1,706,120 is available for fellowship support.

NUMBER OF FY 1984 AWARDS:

153 institutional awards were made.

DEADLINE FOR APPLICATION:

Contact the scientific society in the appropriate field of study.

NAME OF AGENCY:

National Institutes of Health
Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA)

NAME OF PROGRAM:

ADAMHA Minority Access to Research Careers (MARC) Program

ADDRESS:

Westwood Building, Room 9A-18
Bethesda, MD 20205

CONTACT PERSON:

Elwood Bynum, Director
Delores Lowery, Program Administrator

TELEPHONE NUMBER:

(301) 496-7941

ELIGIBILITY REQUIREMENTS:

— *Faculty Fellowship Awards* are made to selected faculty members of four-year institutions whose student enrollments are primarily minority. Advanced research training is provided in the areas of alcoholism, drug abuse, and mental health. Individuals may be candidates for the Ph.D. degree or may be obtaining postdoctoral research training.

— *Honors Undergraduate Research Training Grants* are made to institutions to support training programs in the bio-behavioral, psychological, social and public health sciences. Awards are made to institutions with substantial minority enrollments. Stipend support, salary and fringe benefit support, consultant support, equipment, supplies, travel and indirect cost support may be requested under this program.

FY 1985 AWARDS (NUMBER AND SIZE):

$1,088,436 is available for undergraduate program.

$115,000 is available for faculty fellowships.

NUMBER OF FY 1984 AWARDS:

10 undergraduate institutional awards were made.

95 stipends at undergraduate level were provided.

4 faculty fellowships were awarded.

DEADLINE FOR APPLICATION:

February 1

June 1

October 1

NAME OF AGENCY:

National Institutes of Health
Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA)

NAME OF PROGRAM:

ADAMHA Minority Biomedical Research Support (MBRS) Program

ADDRESS:

Division of Research Resources
National Institutes of Health
Building 31, Room 5B-35
Rockville, MD 20205

CONTACT PERSON:

Dr. Ciriaco Q. Gonzales, Director

Dr. Marion E. Primus, NIMH (301) 443-4337 (Mental Health)
Mr. Fleetwood Roberts, NIAAA (301) 443-4375 (Alcohol Abuse and Alcoholism)
Dr. Michael Backenheimer, NIDA (301) 443-2974 (Drug Abuse)

TELEPHONE NUMBER:

(301) 496-6745

ELIGIBILITY REQUIREMENTS:

MBRS is a program which supports faculty development (research time, travel funds to attend scientific meetings, and money for research equipment and supplies) usually at small undergraduate schools. Institutions of higher learning which have 50% or more minority enrollments apply for awards as well as Indian tribes that have recognized governing bodies.

FY 1985 AWARDS (NUMBER AND SIZE):

$1,350,000 is available for the program.

NUMBER OF FY 1984 AWARDS:

26 institutional awards were made.

DEADLINE FOR APPLICATION:

February 1
June 1
October 1

There are three review cycles each year.

NAME OF AGENCY:

National Institutes of Health
Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA)

NAME OF PROGRAM:

ADAMHA Small Grants Program

ADDRESS:

National Institute of Mental Health
Alcohol, Drug Abuse, and Mental Health Administration
5600 Fishers Lane
Parklawn Building, Room 10-104
Rockville, MD 20857

CONTACT PERSON:

Dr. Ellen Simon Stover
Chief, Small Grants Program

TELEPHONE NUMBER:

(301) 443-4337

ELIGIBILITY REQUIREMENTS:

The program seeks to attract newer, less experienced investigators, investigators at small colleges and other investigators who do not have regular research support or resources available at their institutions. Small grants are available to carry out pilot or exploratory studies or to develop and test a new technique or method or to analyze data previously collected in the biomedical sciences, behavioral sciences and related disciplines. Proposals must be relevant to the mission of ADAMHA, i.e., in the areas of mental health or drug or alcohol abuse.

FY 1985 AWARDS (NUMBER AND SIZE):

$1,350,000 is available for small grants program.

NUMBER OF FY 1984 AWARDS:

69 awards were made to institutions of higher education.

DEADLINE FOR APPLICATION:

Applications are due on the first day of the following months:

October, December, February, May and August

NAME OF AGENCY:

NATIONAL INSTITUTES OF HEALTH

NAME OF PROGRAM:

Academic Research Enhancement Awards (AREA)

Thirteen NIH institutes or programs participate in this awards program.

AREA AWARD ELIGIBILITY REQUIREMENTS:

AREA awards support small scale health-related research by faculty members in institutions which normally do not participate heavily in biomedical research.
The aim is to support discrete research projects which show the research capability of the awardee.

Institutions are eligible to participate in the program if they offer baccalaureate degrees in the health sciences.

Applications are peer reviewed in the discipline in which the award is to be made.

This program does not specifically aim at minority or women's institutions.

FY 1985 AWARDS (NUMBER AND SIZE):

Each award can be up to $50,000 in direct costs and may be used for up to 24 months.

NUMBER OF FY 1984 AWARDS:

N/A

DEADLINE FOR APPLICATION:

April; projects must begin by September.

NAME OF INSTITUTE:

National Institute on Aging (NIA)

ADDRESS:

Building 31, Room 5C06
Bethesda, MD 20205

CONTACT PERSON:

Dr. Don C. Gibson
Associate Director, Planning and Extramural Affairs, NIA

TELEPHONE NUMBER:

(301) 496-9374

ELIGIBILITY REQUIREMENTS:

NIA conducts aging research that includes fundamental studies of biological processes, including studies of aging at the molecular, organelle, cellular, organ, and organ system levels; the interaction of aging and diseases of aging; biomedical and psychosocial factors in maintaining health and effective functioning in the middle and later years; relevant social and behavioral relationships; and research that broadens the base of knowledge underlying adequate health services for the aging and the aged.

NAME OF INSTITUTE:

National Institute of Allergy and Infectious Diseases (NIAID)

ADDRESS:

Westwood Building, Room 703
Bethesda, MD 20205

CONTACT PERSON:

Dr. John W. Diggs
Director, Extramural Actiivities Program, NIAID

TELEPHONE NUMBER:

(301) 496-7291

ELIGIBILITY REQUIREMENTS:

NIAID research includes the following research problem areas: isolation, characterization, and biology of disease-causing microbes; antibiotic or drug resistance among bacteria, viruses, and parasites; development of successful and safe antimicrobial compounds, particularly for viruses and parasites; and new approaches to understand and manipulate the immune system.

NAME OF INSTITUTE:

National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (NIADDK)

ADDRESS:

Westwood Building, Room 657
Bethesda, MD 20205

CONTACT PERSON:

Dr. Walter S. Stolz
Director, Division of Extramural Activities, NIADDK

TELEPHONE NUMBER:

(301) 496-7277

ELIGIBILITY REQUIREMENTS:

NIADDK's areas of interest include: rheumatic and connective tissue diseases and disorders; diabetes, cystic fibrosis, and other errors of metabolism; diseases of the gastrointestinal tract, including diseases of the liver and gall bladder; endocrine disorders; diseases of the blood and bone; kidney and urological diseases; skin diseases; and studies of nutrition and nutrition-related disorders.

NAME OF INSTITUTE:

National Cancer Institute

ADDRESS:

Division of Extramural Activities, NCI
Building 31, Room 10A05
Bethesda, MD 20205

CONTACT PERSON:

Dr. Vincent T. Oliverio
Associate Director for Program Coordination

TELEPHONE NUMBER:

(301) 496-9138

ELIGIBILITY REQUIREMENTS:

The National Cancer Institute (NCI) is the Federal Government's principal agency for cancer research and control. Programs of the NCI focus on: (1) cancer etiology; (2) cancer biology and diagnosis research; (3) cancer treatment research; and (4) cancer prevention and control research, development, technology transfer, demonstration, and education and information dissemination programs.

NAME OF INSTITUTE:

National Institute of Child Health and Human Development (NICHD)

ADDRESS:

Building 31, Room 2A04
Bethesda, MD 20205

CONTACT PERSON:

Dr. Duane Alexander
Deputy Director, NICHD

TELEPHONE NUMBER:

(301) 496-1848

ELIGIBILITY REQUIREMENTS:

NICHD supports research in: reproductive biology, chemistry, and medicine; fertility regulation; perinatology, pregnancy, and labor; developmental and clinical genetics; population dynamics; developmental endocrinology; social and affective development; clinical nutrition; mental retardation and developmental disabilities, and the biological bases of behavioral development.

NAME OF INSTITUTE:

National Institute of Dental Research (NIDR)

ADDRESS:

Westwood Building, Room 510
Bethesda, MD 20205

CONTACT PERSON:

Dr. Aaron Ganz
Special Assistant for Centers and Special Programs, Extramural Programs, NIDR

TELEPHONE NUMBER:

(301) 496-6324

ELIGIBILITY REQUIREMENTS:

NIDR supports the conduct and support of research into the etiology, epidemiology, prevention, diagnosis, and treatment of dental diseases; knowledge about craniofacial malformations; studies of various oral soft tissue diseases; knowledge about orofacial pain and other oral sensory and motor dysfunctions.

NAME OF INSTITUTE:

National Institute of Environmental Health Sciences (NIEHS)

ADDRESS:

NIEHS/EP (T-9)
P.O. Box 12233
Research Triangle Park, NC 27709

CONTACT PERSON:

Dr. Michael J. Galvin, Jr.
Physiologist Scientist Administrator
Extramural Program, NIEHS

TELEPHONE NUMBER:

(919) 541-7825

ELIGIBILITY REQUIREMENTS:

NIEHS supports biomedical research on the effects of chemical, physical, and biological environmental agents on man's health and well being. The Institute supports research and training focused on the identification, assessment, and mechanism of action of potentially harmful agents in the human environment. Research results form the basis for preventive programs for environmentally-related diseases and for action by regulatory agencies.

NAME OF INSTITUTE:

National Eye Institute (NEI)

ADDRESS:

Building 31, Room 6A03
Bethesda, MD 20205

CONTACT PERSON:

Dr. Ronald G. Geller
Associate Director, Extramural and Collaborative Programs, NEI

TELEPHONE NUMBER:

(301) 496-4903

ELIGIBILITY REQUIREMENTS:

The mission of the National Eye Institute is to gain new knowledge concerning the normal functions of the eye and visual system and the pathology of visual disorders.

NAME OF INSTITUTE:

National Institute of General Medical Sciences (NIGMS)

ADDRESS:

Westwood Building, Room 955
Bethesda, MD 20205

CONTACT PERSON:

Dr. David A. Wolff
Deputy Assocaite Director for Program Activities, NIGMS

TELEPHONE NUMBER:

(301) 496-7063

ELIGIBILITY REQUIREMENTS:

The National Institute of General Medical Sciences (NIGMS) supports non disease-targeted research in the basic biomedical sciences. The emphasis is on understanding basic biological mechanisms, particularly at the cellular, subcellular, and molecular levels.

NAME OF INSTITUTE:

National Heart, Lung, and Blood Institute (NHLBI)

ADDRESS:

Westwood Building, Room 7A17
Bethesda, MD 20205

CONTACT PERSON:

Dr. Jerome G. Green
Director, Division of Extramural Affairs, NHLBI

TELEPHONE NUMBER:

(301) 496-7416

ELIGIBILITY REQUIREMENTS:

The National Heart, Lung, and Blood Institute supports basic and clinical research pertaining to the structure, function, and diseases of the cardiovascular, pulmonary, and blood systems.

NAME OF INSTITUTE:

National Institute of Neurological and Communicative Disorders and Stroke (NINCDS)

ADDRESS:

Federal Building, Room 1016
Bethesda, MD 20205

CONTACT PERSON:

Dr. John C. Dalton
Director, Extramural Activities Program, NINCDS

TELEPHONE NUMBER:

(301) 496-9248

ELIGIBILITY REQUIREMENTS:

The National Institute of Neurological and Communicative Disorders and Stroke (NINCDS) serves as the focal point at the NIH for research on the nervous system.

NAME OF INSTITUTE:

Division of Research Resources (DRR)

ADDRESS:

Building 31, Room 5B03
Bethesda, MD 20205

CONTACT PERSON:

Dr. James F. O'Donnell
Deputy Director, DRR

TELEPHONE NUMBER:

(301) 496-6023

ELIGIBILITY REQUIREMENTS:

The Division of Research Resources (DRR) administers programs that develop and ensure the availability of resources essential to the efficient and effective conduct of human health research. DRR programs are primarily institutional in nature but, while support is generally in the form of resource grants, the DRR makes awards for support of projects which contribute to improvement of the capability of resources to serve biomedical research.

NAME OF INSTITUTE:

National Library of Medicine (NLM)

ADDRESS:

Building 38A, Room 5S522
8600 Rockville Pike
Bethesda, MD 20209

CONTACT PERSON:

Dr. Roger W. Dahlen
Chief, Biomedical Information Support Branch, NLM

TELEPHONE NUMBER:

(301) 496-4191

ELIGIBILITY REQUIREMENTS:

The objective of NLM's research program is the support of investigations related to the generation, organization, and utilization of health knowledge. Such support may involve: (1) medical informatics research; or (2) research in health science librarianship and information science; or (3) assistance for the preparation and publication of scientific works in the health area.

NAME OF AGENCY:

National Institutes of Health
National Heart, Lung, and Blood Institute

NAME OF PROGRAM:

Research Fellow Program for Investigators at Minority Institutions

ADDRESS:

National Heart, Lung, and Blood Institute
Building 10, Room 7N214
9000 Rockville Pike
Bethesda, MD 20205

CONTACT PERSON:

Claude Lenfant, M.D.

TELEPHONE NUMBER:

(301) 496-5166

ELIGIBILITY REQUIREMENTS:

Under this program, general laboratory and clinical experience is provided to investigators from minority institutions in the following areas: heart, blood vessel, lung, and kidney diseases; and certain blood diseases such as sickle cell anemia, hemophilia, thalassemia and development of technology related to cardiovascular and pulmonary diseases. The specific areas of major interest are the biology of experimental and clinical arteriosclerosis and its manifestations; the pathophysiology of hypertensive vascular disease; functions of the lung; clinical and experimental studies on physiological aspects of heart, blood, and lung diseases, and a broad program of other basic research and technical development.

Minority school faculty members are eligible to participate in the program if they have a doctoral degree in a biomedical science and have the interest and ability to participate in and benefit from specialized training in cardiovascular, pulmonary or blood research.

For one year, extensive research training will be provided to the minority school faculty member in an NHLBI laboratory.

FY 1985 AWARDS (NUMBER AND SIZE):

The program budget is $77,000.

Two fellows will be selected for one year appointments and provided with salary support (comparable to their actual salary and to that received by equivalent faculty members at minority institutions) and fringe benefits.

NUMBER OF FY 1984 AWARDS:

None - new program

DEADLINE FOR APPLICATION:

April of each year.

NAME OF AGENCY:

National Institutes of Health
National Heart, Lung, and Blood Institute

NAME OF PROGRAM:

NHLBI Visiting Professor Program

ADDRESS:

Building 31, Room 5A52
Bethesda, MD 20205

CONTACT PERSON:

Claude Lenfant, M.D.
Director, National Heart, Lung, and Blood Institute

TELEPHONE NUMBER:

(301) 496-5166

ELIGIBILITY REQUIREMENTS:

These are short duration assignments of NHLBI intramural research scientists and extramural health scientist administrators. For a period of from one week to one month, an individual scientist from a selected group of NHLBI scientists will be a visiting professor at a minority institution. The NHLBI scientist assists in developing the institution's capability for competitive research and in finding ways to attract students from the minority institution into biomedical research careers and increasing minority participation in biomedical research.

FY 1985 AWARDS (NUMBER AND SIZE):

The budget for the program is $38,000.

NHLBI will pay the salary of the NHLBI scientist/Visiting Professor as well as the cost of housing them and their subsistence during the assignment. If possible, the cost of travel will also be provided by NHLBI.

NUMBER OF FY 1984 AWARDS:

None

DEADLINE FOR APPLICATION:

April of each year.

NAME OF AGENCY:

National Institutes of Health
National Heart, Lung, and Blood Institute

NAME OF PROGRAM:

Minority Institutional Research Training Grant

ADDRESS:

Dr. Hayden - Federal Building, Room 3A10
7550 Wisconsin Avenue
Bethesda, MD 20205

Dr. Wolle - Westwood Building, Room 6A12
5333 Westbard Avenue
Bethesda, MD 20205

Dr. Barboza - Federal Building, Room 5C06
7550 Wisconsin Avenue
Bethesda, MD 20205

CONTACT PERSON:

George Hayden, Ph.D., Division of Heart and Vascular Disease

Joan Wolle, Ph.D., Division of Lung Diseases

Luiz Barbosa, D.V.M., Division of Blood Diseases and Resources

TELEPHONE NUMBER:

Dr. Hayden (301) 496-1724

Dr. Wolle (301) 496-7668

Dr. Barbosa (301) 496-1537

ELIGIBILITY REQUIREMENTS:

This program aims to stimulate cardiovascular pulmonary, and hematologic diseases research, prevention, control and education and to train graduate students in these areas.

Research training grants are offered to minority schools to assist minority students in participating in research programs. Grants may last as long as five years.

The minority institutions must collaborate with a research center (at another institution of higher education) that has a strong, well established cardiovascular pulmonary or hematologic research or research training program. An advisor from the other institution's research center must participate in the program.

Graduate student trainees are appointed for 9 to 12 month periods.

FY 1985 AWARDS (NUMBER AND SIZE):

The budget for the program is $330,000.

Stipends for graduate student trainees are $441 per month. Tuition, fees, and medical insurance are allowable costs. Travel costs may be requested. Training related costs may be provided up to $1,500 per year. Indirect costs or 8% of total direct costs may also be provided.

NUMBER OF FY 1984 AWARDS:

None

DEADLINE FOR APPLICATION:

August of each year

NAME OF AGENCY:

National Institutes of Health
National Heart, Lung, and Blood Institute

NAME OF PROGRAM:

Minority School Faculty Development Awards

ADDRESS:

Dr. Hayden - Federal Building, Room 3A10
7550 Wisconsin Avenue
Bethesda, MD 20205

Dr. Wolle - Westwood Building, Room 6A12
5333 Westbard Avenue
Bethesda, MD 20205

Dr. Barboza - Federal Building, Room 5C06
7550 Wisconsin Avenue
Bethesda, MD 20205

CONTACT PERSON:

George Hayden, Ph.D., Division of Heart and Vascular Disease

Joan Wolle, Ph.D., Division of Lung Diseases

Luiz Barbosa, D.V.M., Division of Blood Diseases and Resources

TELEPHONE NUMBER:

Dr. Hayden (301) 496-1724

Dr. Wolle (301) 496-7668

Dr. Barbosa (301) 496-1537

ELIGIBILITY REQUIREMENTS:

The program is open to minority U.S. citizens, non-citizen nationals, or permanent residents who have a Ph.D. degree or its equivalent in the biomedical sciences and (1) wish to receive specialized training in cardiovascular, pulmonary or blood research, and (2) have the necessary background and potential to benefit from the program. Applicants must make arrangements with an accomplished investigator (a mentor) in the research area proposed. The "mentor" must be available for both summer and academic year training.

The applicant must come from an institution that has a few or no biomedical researchers.

FY 1985 AWARDS (NUMBER AND SIZE):

$85,346 is available for this program.

NUMBER OF FY 1984 AWARDS:

None

DEADLINE FOR APPLICATION:

August of each year.

NAME OF AGENCY:

National Institutes of Health

NAME OF PROGRAM:

Minority Access to Research Careers (MARC)

ADDRESS:

National Institute of General Medical Sciences
Westwood Building, Room 9A-18
Bethesda, MD 20205

CONTACT PERSON:

Elwood Bynum, Director
Delores Lowery, Program Administrator

TELEPHONE NUMBER:

(301) 496-7941

ELIGIBILITY REQUIREMENTS:

Under this title, NIH operates four programs: **Faculty Fellowships, Visiting Scientist Awards, Predoctoral Fellowships and Honors Undergraduate Research Training.**

MARC Faculty Fellowship—This program supports advanced research training for selected faculty members from institutions with substantial minority enrollments. Individuals are nominated for the program by their own institution's administrators.

Faculty Fellows may receive up to three years of advanced study and research training in the biomedical sciences; these individuals are expected to return to their home institutions and teach or do research after completing their Ph.D. or postdoctoral work.

Stipends are awarded up to a maximum amount of $25,000.

MARC Visiting Scientist Awards—This program supports scientist-teachers who plan to be visiting professors at institutions which have substantially minority enrollments. The program goal is to strengthen the biomedical (cellular and molecular biology, genetics, pharmacology, toxicology, biomedical engineering, physiological science and/or clinical) research and teaching programs at the host (minority) institution; the program may run for three months to a maximum period of one academic year.

Stipends are awarded on the basis of the current salary of the nominee. A travel allowance may be provided which is equivalent to a round-trip coach air fare between the nominee's institution and the host institution.

MARC Honors Undergraduate Research Training Grants—The largest of the MARC programs allows undergraduate honors students from a public or private nonprofit university, 4-year college, or other institution with a substantial minority enrollment to receive training through grants to their institutions. The institution must be one that offers undergraduate, graduate or health professional degrees.

The grants are made to selected institutions and support is available for a maximum of five years. The funds are provided for essential research equipment and supplies, fees, tuition, stipends and limited travel costs for students.

MARC Predoctoral Fellowships—This program supports research training leading to the Ph.D. degree in biomedical sciences. Selected graduates of the MARC Honors Undergraduate Research Training Program are eligible for the program. A maximum of five years of support is usually available. An applicant must be a candidate for a combined M.D.-Ph.D. degree. Support is provided to the sponsoring institution and includes an annual stipend for the candidate's living expenses and funds for each twelve month period to help defray the cost of tuition, fees and research supplies, equipment, travel to scientific meetings and other related items.

FY 1985 AWARDS (NUMBER AND SIZE):

$7.7 million is available for awards under this program.

NUMBER OF FY 1984 AWARDS:

18 *Faculty Fellowships* were provided from a budget of $359,392.

38 *Predoctoral Fellowships* were provided from a budget of $390,424.

50 *Honors Undergraduate Research Training Program Grants* were provided from a budget of $5,531,000.

The *Visiting Scientist Program* was provided with a budget of $33,000.

DEADLINE FOR APPLICATION:

MARC *Faculty Fellowships*—February, June, and October

MARC *Visiting Scientists*—February, June, and October

MARC *Predoctoral Fellowships*—February, June, and October

MARC *Honors Undergraduate Research Training*—February, June, and October

NAME OF AGENCY:

National Institutes of Health

NAME OF PROGRAM:

Minority Biomedical Research Support Program (MBRS)
Minority Biomedical Research Support Thematic Project Grants

ADDRESS:

Division of Research Resources
Bldg. 31, Room 5B35
Bethesda, MD 20205

CONTACT PERSON:

Dr. Ciriaco Gonzales

TELEPHONE NUMBER:

(301) 496-6743

ELIGIBILITY REQUIREMENTS:

Any U.S., two or four year, public or private college or university with a traditionally high (50% or more) minority enrollment is eligible to apply. An Indian tribe is eligible to apply if it has a recognized governing body.

By making awards to institutions the program provides academic year and summer salaries and wages for faculty, students and support personnel. This program is designed to increase the capability of institutions to attract research grants in specific health science areas and to assist institutions in attracting competitive biomedical scientists because the institution's research environment has improved due to MBRS support.

Support may be requested for the costs of research in areas such as: biochemistry, molecular biology, immunology, biophysics, environmental health, molecular genetics, behavioral science and toxicology.

Funding may be requested for the costs of: personnel (technicians, research associates, postdoctoral fellows, and faculty salaries); equipment; supplies; travel; renovations to facilities; and other essential costs. Total requests are limited to $300,000 per year for four years. Funding for future years is based on the progress demonstrated in the current year.

NUMBER OF FY 1984 AWARDS:

79 awards were provided from a budget of $24,951,00.

DEADLINE FOR APPLICATION:

March of each year
July of each year
November of each year

U.S. DEPARTMENT OF COMMERCE

NAME OF AGENCY:

U.S. Department of Commerce
National Oceanic and Atmospheric Administration

NAME OF PROGRAM:

Metropolitan Consortium for Minorities in Engineering
NOAA Engineering and Science Career Orientation Program

ADDRESS:

Office of Oceanic and Atmospheric Research
Office of Sea Grants
6010 Executive Blvd., Room 826
Rockville, MD 20852

CONTACT PERSON:

Dr. Thomas Murray

TELEPHONE NUMBER:

(202) 443-8886

ELIGIBILITY REQUIREMENTS:

This program aims to attract female and minority high school students from the metropolitan Washington area to an experience of technically oriented work and exposure to the work experiences of engineers and scientists at NOAA. High school juniors and seniors are eligible to apply for participation in the program.

This is a summer program coordinated by Professor Elbert Cox of Howard University's School of Engineering (TELEPHONE: (202) 636-6598).

FY 1985 AWARDS (NUMBER AND SIZE):

$30,000 ia available for the program.

NUMBER OF FY 1984 AWARDS:

Twenty four awards were made.

DEADLINE FOR APPLICATION:

September of each year is the deadline for submitting applications for the coming summer.

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